

What is claimed is:

1. An intraocular lens for insertion into an eye, comprising:
a unitary optic formed of a deformable material and adapted to focus light
5 toward a retina of an eye; and
an accommodation assembly coupled to the optic and structured to cooperate
with the eye to effect accommodating axial movement of the optic and accommodating
deformation of the optic in response to one or more naturally occurring actions of the
eye.
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2. The intraocular lens of claim 1 wherein the combined axial movement
and deformation is effective to provide enhanced accommodation relative to the axial
movement alone or the deformation alone.
- 15 3. The intraocular lens of claim 1, wherein the accommodation assembly
comprises:
an outer ring surrounding the optic and spaced therefrom with voids
therebetween; and
a plurality of intermediate members extending between and connecting the optic
20 and the outer ring.
4. The intraocular lens of claim 1, wherein the accommodation assembly is
structured to cooperate with the eye to substantially diametrically compress the optic.
- 25 5. The intraocular lens of claim 1, wherein the accommodation assembly is
structured to cooperate with the eye to bend the optic.
6. The intraocular lens of claim 1, wherein the optic has progressive
correction powers that vary from a baseline power for distance vision correction to an

add power that is reduced relative to a power for full near vision correction, the combined axial movement, deformation, and add power is effective to provide enhanced accommodation relative to the axial movement and the deformation without the add power.

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7. The intraocular lens of claim 1, wherein the optic is a multifocal optic having a first zone configured to provide distance vision correction and a second zone having an add power that is reduced relative to a power for full near power correction, the combined axial movement, deformation, and add power is effective to provide enhanced accommodation relative to the axial movement and the deformation without the add power.

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8. The intraocular lens of claim 7, wherein the add power is the maximum add power of the optic.

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9. The intraocular lens of claim 3, wherein the periphery of the optic is circular.

10. The intraocular lens of claim 3, wherein the intermediate members are substantially equidistantly spaced apart.

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11. The intraocular lens of claim 3, wherein each of the intermediate members has a hinge therein.

12. The intraocular lens of claim 3, wherein the intermediate members, optic, and outer ring are integrally formed of one material.

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13. The intraocular lens of claim 3, wherein the outer ring has a generally ovoid configuration.

14. The intraocular lens of claim 13, wherein the outer ring has a major axis and a minor axis, and wherein the plurality of intermediate members consists essentially of a pair of intermediate members each attached at an outer end to the outer ring along
5 the major axis.

15. The intraocular lens of claim 14, wherein the optic has a periphery, and wherein each intermediate member has an inner end that is attached to the periphery of the optic at a location other than on the major axis.

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16. The intraocular lens of claim 14, wherein each intermediate member is plate-like and extends radially between the optic and outer ring along the major axis.

17. The intraocular lens of claim 16, wherein each of the intermediate
15 members has a hinge therein.

18. The intraocular lens of claim 17, wherein the hinge is located closer to the outer ring than to the optic.

20 19. The intraocular lens of claim 2, wherein:
the optic has a periphery and the plurality of intermediate members consists essentially of a pair of intermediate members each attached at an outer end to the outer ring and attached at an inner end to the periphery of the optic at a location not radially aligned with the outer end.

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20. The intraocular lens of claim 17, wherein the inner and outer ends of each intermediate member are circumferentially spaced from one another about the optical axis by approximately 90°.

21. The intraocular lens of claim 1, wherein the deformable material is a reinforced cross-linked silicone polymeric material.

22. The intraocular lens of claim 1, wherein the deformable material is an
5 acrylic polymeric material.

23. An intraocular lens for insertion into an eye, comprising:
a unitary, deformable multifocal optic including a first zone having a baseline
power for distance vision correction and a second zone having an add power; and
10 a force transfer assembly coupled to the optic and structured to cooperate with
the eye to effect deformation of the optic so as to change the power of at least one of the
first and second zones.

24. The intraocular lens according to claim 23, wherein the force transfer
15 assembly is structured to change the curvature of at least one of the zones in response to
a compressive force exerted by the eye.

25. The intraocular lens according to claim 24, wherein the force transfer
assembly is structured to increase the curvature of at least one of the zones in response to
20 a compressive force exerted by the eye.

26. The intraocular lens according to claim 23, wherein the force transfer
assembly is structured to cooperate with the eye to effect deformation of the first zone so
as to increase the baseline power.

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27. The intraocular lens according to claim 24, wherein the force transfer
assembly is further structured to axially move the optic in response to an action of the
eye, wherein the axial movement of the optic combines with the increased add power

obtained through the deformation to provide enhanced accommodation relative to the deformation alone.

28. An intraocular lens for insertion into an eye, comprising:
5 a deformable optic having a baseline power for distance vision correction and a maximum add power that is reduced relative to a power for full near vision correction, and

a force transfer assembly coupled to the optic and structured to cooperate with the eye to effect deformation of the optic so as to increase the maximum add power.

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29. The intraocular lens according to claim 28, wherein the optic has progressive vision powers that vary from the baseline power to the maximum add power.

30. The intraocular lens according to claim 29, wherein the force transfer
15 assembly is structured to deform the optic so as to increase the maximum add power in response to compressive forces exerted by the eye.

31. The intraocular lens according to claim 30, wherein the force transfer
20 assembly is further structured to cooperate with the eye to axially move wherein the axial movement of the optic combines with the maximum add power obtained through deformation to provide enhanced accommodation relative to the deformation alone.